

## Conformations of cyclic bromoarsenites and the electrical parameters of arsenic bonds

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### Abstract

1. It has been shown that 2-bromo-1,3,2-dioxarsenanes exist in chair conformation with axially oriented As-Br bonds. 2. Polarity and polarizability parameters have been found for the As-O and As-Br bonds in 2-bromo-1,3,2-dioxarsenanes. 3. The so-called  $\alpha$ -effect is stronger in the O<sub>2</sub>AsBr group than in the O<sub>2</sub>AsCl group. © 1977 Plenum Publishing Corporation.

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